

Abstract

A display controller and method for reducing power consumption of an electro-optical image display while still providing a useful display. A source of a set of image data words corresponding to individual pixels of an image is provided. A control circuit is adapted to substitute for a selected subset of the set of image data words the image data words from one or more contiguous pixels and to provide the resulting modified set of image data words to an output port to be made available to the electro-optical image display. The method provides a set of image data words corresponding to individual pixels of an image, substitutes for a selected subset of the set of image data words the image data words from one or more contiguous pixels, and makes available to the electro-optical image display the modified set of data words resulting from the substitution.